HD-SDI

User Manual

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CH3. How to Use

3-1. General Usage Information

The ULTIMA series DVR can be operated with a mouse or remote controller under the four main modes listed below:

Live Mode – This is the "main or default" mode. From this mode you can view in real time all currently operating cameras, information regarding camera status, and have access to Pan/Tilt camera controls. In addition, system status information will be shown during live mode, and other modes can be entered from Live mode.

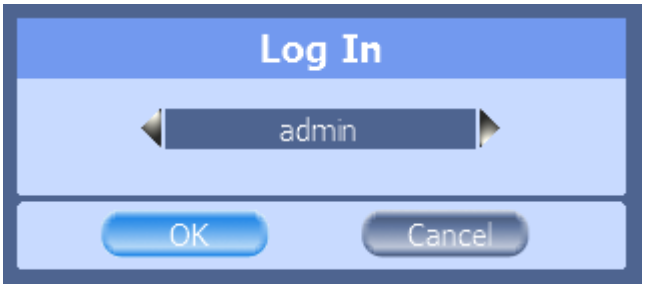
Setup Mode – The user will be able to customize settings for Live viewing, Recording, Backup, and Camera related devices under the Setup Mode.

Search Mode – In Search Mode, the user will be able to review all recorded footage in the case that an event must be reviewed using a calendar or event based search.

Backup Mode – In Backup Mode, the user will be able to archive the desired data to the preferred supported media of their choice (ex. CD, DVD, USB Backup, Remote Client Software, etc.)

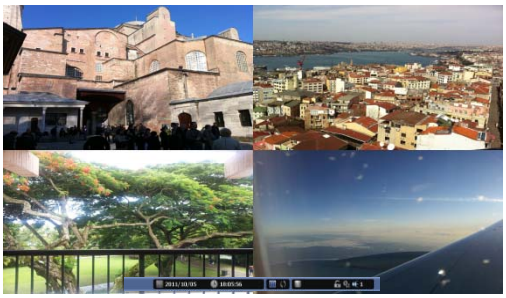
Password Protection – The DVR system will utilize a user ID and password system to prevent unauthorized usage of this product. Control of the system will only be possible after entering a proper ID and password as illustrated below. (Factory Default settings are blank for these fields).

IDs and passwords should be managed by a system administrator, as different users may be given different levels of access to the DVR.



3-2. LIVE Mode

In this section you will know how to split the video mode into 1, 4, 6, 8, 9, 12, 16, as well as auto sequencing, PTZ Control, Mouse control, Setup configurations, Backup



3-2-1. LIVE Mode Control

1) Live View Status

You may use the Live Menu Bar located at the bottom for quick shortcuts and view status of certain items.

	Recording indicator
	Event recording indicator
	Motion detection indicator
	Sensor activation indicator

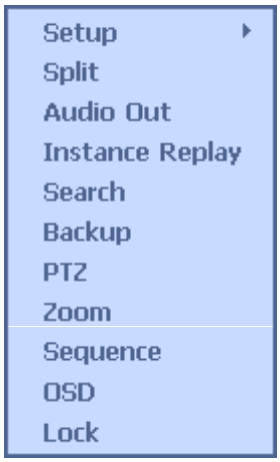
2) Live Menu Bar

You may use the Live Menu Bar located at the bottom for quick shortcuts and view status of certain items.

	Date
	Time
	Screen Split mode change
	Sequence activation
	Hard drive usage
	Lock/ Unlock indicator
	Scheduler activation indicator
	Audio out channel indicator
	Mute indicator

3) Live Popup Menu

By Right-Clicking anywhere on Live Screen, you may view the Live Popup Menu. By using the Live Popup Menu, you can quickly jump to the necessary configuration and settings.



3-2-2. LIVE Mode Feature

1) Split
Change video split mode for Live View.

20ch : 1/6/12/20 Split Mode

2) Audio Out
You can choose the audio out from this menu.

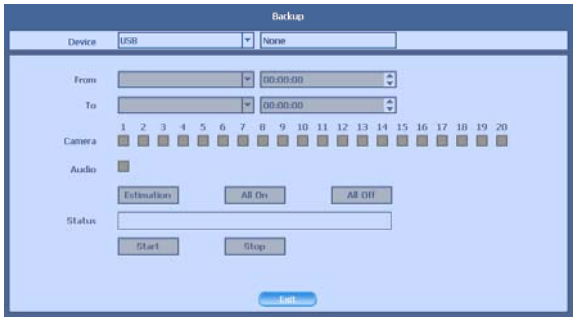
3) Instant Replay
This is very convenient function to catch the abrupt accident. During live viewing, you can go directly to the playback screen.

If you choose the 'Instant Replay' , the DVR goes to the 'PLAY' with the present time screen. And you can use the functions related playback.

4) Backup

There are two ways to enter the backup. The first one is that right click on the live screen, and the second one is that enter directly from ‘Search’ upon playback. If you choose the ‘backup’ from the live menu, below backup screen appears.

• You can set the backup device, time and channel from the backup screen.



• After that, if you push the ‘Estimation’ button, it will show the estimated backup file size.

• Then click the ‘Start’ button.

WARNING

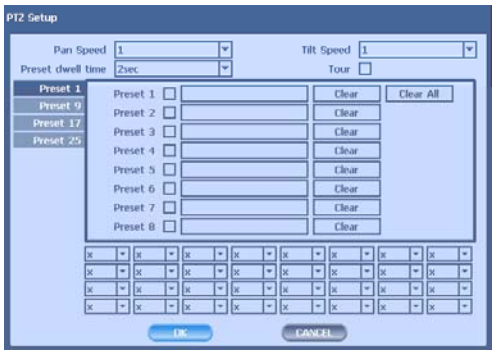
Do NOT remove the backup device till end sign. The device and system may be damaged.

5) PTZ (Pan, Tilt and Zoom)

It is possible to control the pan and tilt camera by itself. Press the 'PTZ' button to enter the PTZ mode. For Menu setting, you can set it by pressing button as displayed at bottom of window.

• You can set the direction of camera by using the arrow buttons.

• Setup : If you press Setup using mouse (or Menu button on the remote controller) in PTZ Menu, PTZ setup window will appear. You can set the pan and tilt speed, 32 preset name and tour sequence as well as dwelling time,



• Zoom In/Out : You can zoom in/out with mouse or play /backward buttons on the remote controller.
• Focus In/Out : You can adjust the focus with mouse or slow buttons on the remote controller.
• Iris In/Out : You can adjust the iris with mouse or ff/rew buttons on the remote controller.

•Preset : You can enter the preset number using the keypad appearing the preset button or 'Enter' button on the remote controller.

6) Zoom

Digital zoom of live screen for selected channel. It can be 2x zoom and also control the position by mouse dragging.

7) Sequence
Sequence Mode On /Off: Switches screens as set on Dwell time under Screen Setup

8) OSD
This feature shows current settings of product through GUI (Graphic User Interface) and INFO button at front side is used for this feature. When you turn on power, this will show current date and time, System Lock Setting, HDD usage, Video Loss Check, Sensor ON/OFF, Motion Detection Check, Recording Stat us and Schedule Feature Usage. As you press INFO button once more, GUI disappear->OSD disappear->GUI appear->OSD appear will happen sequentially.

※ GUI (Graphic User Interface): displaying current status on monitor as images
※ OSD (On Screen Display): displaying current status on monitor as character

9) Lock/Log In
Logs off current user and locks DVR from any further configuration and screen setup until next Administrator logs in.

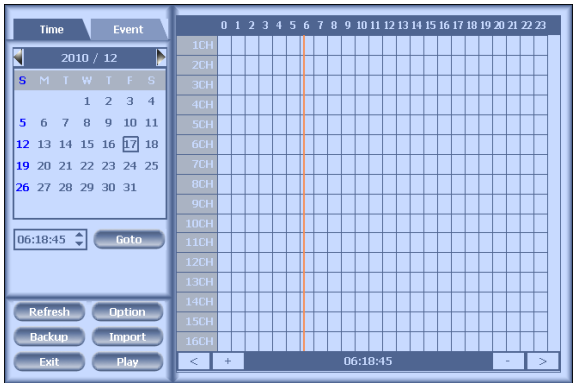
3-3. Search Mode

Search mode consists of two different modes of searching. The video data can be selected by Time or Event.

Time	Search Month / Day / Time selection.
Event	Select from Event Log

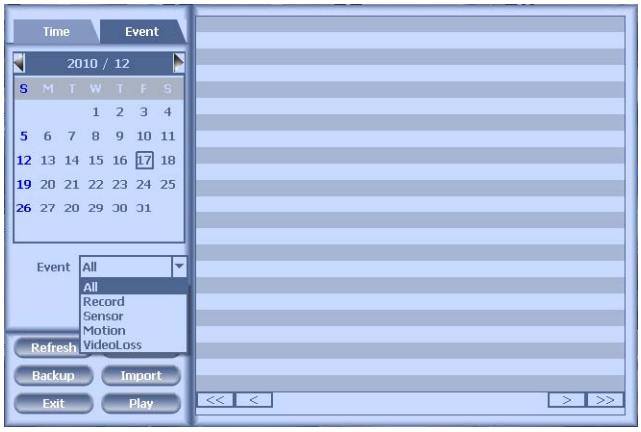
3-3-1. Search Selection Type

1) Time Based search selection



- Select the Date you wish to view by selecting a Date from Calendar
- Select time you wish to view by selecting a time from Time Line
- Preview pane above the time bar will show preview of the currently selected video
- You may click on Refresh, Option, Backup, Import, To Live, To Play for additional features and options

2) Event Based Search Selection



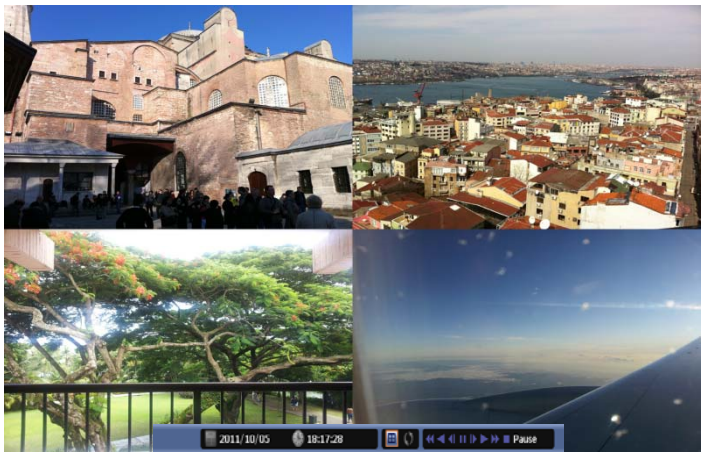
- Select search date from calendar
- Event log will be displayed according to the chosen date
- Preview pane above the Event Log will show preview of currently selected video
- You may click on Refresh, Option, Backup, Import, To Live, To Play for additional features and options

3) Miscellaneous Search Options

Refresh	Reload all data list.
Option	Search option.
Backup	Backup recorded data to external USB device.
Import	Playback recorded data from external USB device
Exit	Move to Live video mode.
Play	Load playback data to full screen mode.

3-3-2. Play Mode

If you choose ‘to play’, the full screen appear. You can control the play speed in here.



▶ Play Screen GUI

1. Split Screen
2. Sequence
3. FB (Fast Backward): FB×2, 4, 8, 16, 32, 64 times faster
4. Playback : Backward normal speed
5. SB (Slow Bacward):SBx1/2, SBx1/4
6. STILL (Pause) / Frame advance
7. SF (Slow Forward):SFx1/2, SFx1/4
8. Play : Forward normal speed
9. FF (Fast Forward): FF×2, 4, 8, 16, 32, 64 times faster
10. STOP : Stops playing and returns to LIVE Screen.
11. Status information

HOW TO SETUP REMOTE VIEW.
(WEB BROWSER VIEW AND MOBILE APPS)

WEB BROWSER VIEWING USING WINDOWS INTERNET EXPLORER® VERSIONS 6, 7, 8, 9
*Please note you may need to permit Internet Explorer® to download Active X controls.

Allow “ACTIVE X” ad-ons to “Enable” This may be found in the Security Settings of Internet Explorer

WEB Browser Login Information:
- IP Address: 00.00.000.00
- ID: your id
- PASSWORD: your password
- CAMERA: #
Note: Enable All Active X Controls

<CATCHEYE>

FREE Mobile App Software for your iPhone or Android Mobile Devices!
Available through your mobile devices store application.

mobile® VIEWING INSTRUCTIONS

1. Download catcheye app from Apple iTunes or android store.

2. Open catcheye app from your mobile phone.

3. Click on the '+' button on the top-right corner of the screen to add a new server.

4. Enter server name of the DVR.
    -> type in your server name

5. Enter the IP address of the DVR. If entering DDNS name, enter the full URL.
    -> type in 00.00.000.00 or type in DDNS name

6. Enter the NETWORK PORT. You can get this information from Setup -> Network -> NETWORK PORT from the DVR menu.
    -> type in 8000

7. Enter the login ID and password.
    -> user: your username
    -> password: your password

8. Leave the server type (Default is Embedded DVR).

9. Click save button on the top-right corner of the screen to add a new server.

10.Click on the your server from the list.